



JAPANESE
INDUSTRIAL
STANDARD

Translated and Published by
Japanese Standards Association

JIS H 4670 : 2012
(JIS)

Titanium and titanium alloys — Wires

ICS 77.120.50;77.150.50

Reference number : JIS H 4670 : 2012 (E)

PROTECTED BY COPYRIGHT

 **Documents**
Document Sharing Hub
7 S

H 4670 : 2012

Date of Establishment: 1964-07-01

Date of Revision: 2012-04-20

Date of Public Notice in Official Gazette: 2012-04-20

Investigated by: Japanese Industrial Standards Committee

Standards Board

Technical Committee on Non-Ferrous Metals

JIS H 4670 : 2012, First English edition published in 2013-02

Translated and published by: Japanese Standards Association
4-1-24, Akasaka, Minato-ku, Tokyo, 107-8440 JAPAN

In the event of any doubts arising as to the contents,
the original JIS is to be the final authority.

© JSA 2013

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

Printed in Japan

PROTECTED BY COPYRIGHT

 ^{HN} Documents
Document Sharing Hub

Contents

	Page
1 Scope	1
2 Normative references	1
3 Classification, dimensions and symbols	1
4 Quality	2
4.1 Appearance	2
4.2 Chemical composition	3
4.3 Mechanical properties	4
5 Tolerances on diameter	5
6 Tests	5
6.1 Chemical analysis	5
6.2 Tensile test	6
7 Inspection	6
8 Marking	6
Annex A (informative) Representative dimensions of wires	7

Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee as the result of proposal for revision of Japanese Industrial Standard submitted by the Japan Titanium Society (JTS) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14.

Consequently **JIS H 4670:2007** is replaced with this Standard.

This **JIS** document is protected by the Copyright Law.

Being in conformance with this Standard may come under the use of the patent rights held by the following:

- Name: Kobe Steel, Ltd.
- Address: Wakinohama-cho 2-10-26, Chuo-ku, Kobe-shi, Hyogo-ken
- Name: Sumitomo Metal Industries, Ltd.
- Address: Harumi 1-8-11, Chuo-ku, Tokyo-to

The relevant holders of the above-mentioned industrial property rights have indicated to the Japanese Industrial Standards Committee an intention of granting license to anyone under the nondiscriminatory and reasonable conditions, except to the other holders of the industrial property rights related to this Standard who will not grant their licenses under the same conditions.

It should be noted that following this Standard does not always refer to granting a free license.

Attention is drawn to the possibility that some parts of this Standard may conflict with patent rights other than mentioned above. The Minister of Economy, Trade and Industry and Japanese Industrial Standards Committee are not responsible for identifying such patent rights.

The “patent rights” as mentioned here include patent right, application for a patent after opening to the public or utility model right.